11-21-01

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Express Mail Label No. EL872221547US

J1003 U.S. PTO 11/20/01

UTILITY PATENT APPLICATION TRANSMITTAL
(Small Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.
0410.008
Total Pages in this Submission

TO THE ASSISTANT COMMISSIONER FOR PATENTS
Box Patent Application
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

PLASMIDS AND METHODS FOR MONITORING ENDONUCLEASE DIGESTION EFFICIENCY

jc986 U.S. PTO 09/989534 11/20/01

and invented by:

Charles V. Lowry

If a CONTINUATION APPLICATION, *check appropriate box and supply the requisite information:*

☐ **Continuation** ☐ **Divisional** ☐ **Continuation-in-part (CIP)** of prior application No.: _____

Which is a:

☐ **Continuation** ☐ **Divisional** ☐ **Continuation-in-part (CIP)** of prior application No.: _____

Which is a:

☐ **Continuation** ☐ **Divisional** ☐ **Continuation-in-part (CIP)** of prior application No.: _____

Enclosed are:

Application Elements

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 56 pages and including the following:
 a. ☒ Descriptive Title of the Invention
 b. ☐ Cross References to Related Applications *(if applicable)*
 c. ☐ Statement Regarding Federally-sponsored Research/Development *(if applicable)*
 d. ☐ Reference to Microfiche Appendix *(if applicable)*
 e. ☒ Background of the Invention
 f. ☒ Brief Summary of the Invention
 g. ☒ Brief Description of the Drawings *(if drawings filed)*
 h. ☒ Detailed Description
 i. ☒ Claim(s) as Classified Below
 j. ☒ Abstract of the Disclosure

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Application Elements (Continued)

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*

 a. ☐ Formal b. ☒ Informal Number of Sheets **four**

4. ☒ Oath or Declaration

 a. ☒ Newly executed *(original or copy)* ☐ Unexecuted

 b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*

 c. ☒ With Power of Attorney ☐ Without Power of Attorney

 d. ☐ *DELETION OF INVENTOR(S)*
 Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).

5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

6. ☐ Computer Program in Microfiche

7. ☒ Genetic Sequence Submission *(if applicable, all must be included)*

 a. ☒ Paper Copy

 b. ☒ Computer Readable Copy

 c. ☒ Statement Verifying Identical Paper and Computer Readable Copy

Accompanying Application Parts

8. ☒ Assignment Papers *(cover sheet & documents)*

9. ☐ 37 CFR 3.73(b) Statement *(when there is an assignee)*

10. ☐ English Translation Document *(if applicable)*

11. ☒ Information Disclosure Statement/PTO-1449 ☒ Copies of IDS Citations

12. ☐ Preliminary Amendment

13. ☒ Acknowledgment postcard

14. ☒ Certificate of Mailing

 ☐ First Class ☒ Express Mail *(Specify Label No.):* **EL872221547US**

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Accompanying Application Parts (Continued)

15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*

16. ☐ Small Entity Statement(s) - Specify Number of Statements Submitted: _____

17. ☒ Additional Enclosures *(please identify below):*

Bibliographic Application Data Sheet;
$40 check for recording Assignment.

Request That Application Not Be Published Pursuant To 35 U.S.C. 122(b)(2)

18. ☐ Pursuant to 35 U.S.C. 122(b)(2), Applicant hereby requests that this patent application not be published pursuant to 35 U.S.C. 122(b)(1). Applicant hereby certifies that the invention disclosed in this application has not and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication of applications 18 months after filing of the application.

Warning

An applicant who makes a request not to publish, but who subsequently files in a foreign country or under a multilateral international agreement specified in 35 U.S.C. 122(b)(2)(B)(i), must notify the Director of such filing not later than 45 days after the date of the filing of such foreign or international application. A failure of the applicant to provide such notice within the prescribed period shall result in the application being regarded as abandoned, unless it is shown to the satisfaction of the Director that the delay in submitting the notice was unintentional.

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(Small Entity)

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Docket No.
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Total Pages in this Submission

Fee Calculation and Transmittal

CLAIMS AS FILED

For	#Filed	#Allowed	#Extra	Rate	Fee
Total Claims	41	- 20 =	21	x $9.00	$189.00
Indep. Claims	9	- 3 =	6	x $42.00	$252.00
Multiple Dependent Claims (check if applicable) ☐					$0.00
				BASIC FEE	$370.00
OTHER FEE *(specify purpose)* _____					$0.00
				TOTAL FILING FEE	$811.00

☒ A check in the amount of **$811.00** to cover the filing fee is enclosed.

☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. **08-1935** as described below. A duplicate copy of this sheet is enclosed.

- ☐ Charge the amount of _____ as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).

Dated: **November 20, 2001**

Kathy Smith Dias
Signature

Kathy Smith Dias
Registration No.: 41,707
Customer No.:

23405
PATENT TRADEMARK OFFICE

cc:

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

In Re Application of: Charles V. Lowry

Title: PLASMIDS AND METHODS FOR MONITORING ENDONUCLEASE DIGESTION EFFICIENCY

Attorney Docket No.: 0410.008

"EXPRESS MAIL" MAILING LABEL NO. EL872221547US

Date of Deposit November 20, 2001

I hereby certify that this paper is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and addressed to:

BOX PATENT APPLICATION
Assistant Commissioner for Patents
P.O. Box 2327
Arlington, VA 22202

Sharon O. Kaminski
(Typed or printed name of person mailing paper or fee)

Sharon O. Kaminski
(Signature of person mailing paper or fee)

Enclosed:

*Utility Patent Application Transmittal Letter (Small Entity) (4 pages) (in duplicate);
*U.S. Patent Application, which includes: Specification (9 pages); 41 claims (10 pages); and Abstract of the Disclosure (one page);
*Four (4) sheets of informal drawings (FIGS. 1-4);
*Bibliographic Data Sheet;
*Executed Declaration and Power of Attorney;
*Computer readable sequence listing;
*Paper copy of sequence listing;
*Statement Verifying Paper and Computer Readable Copy are identical;
*Check in the amount of $811.00 for filing fee;
*Executed Assignment and Recordation Form Cover Sheet;
*Check in the amount of $40.00 for recording Assignment;
*Information Disclosure Citation and copies of 4 cited references; and
*One (1) acknowledgment postcard.

09605.4000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Charles V. Lowry	Atty. Dkt. No.: 0410.008
Serial No.:	unknown	Group Art Unit: unknown
Filed:	Herewith	Examiner: unknown
Title:	PLASMIDS AND METHODS FOR MONITORING ENDONUCLEASE DIGESTION EFFICIENCY	

STATEMENT UNDER 37 CFR 1.821(f) and(g)

Dear Sir:

Applicant's undersigned representative states that the content of the paper copy of the sequence listing of the above-captioned patent application and the computer readable copy filed herewith on computer disk are the same.

Respectfully submitted,

Kathy Smith Dias

Kathy Smith Dias
Attorney for Applicant
Reg. No. 41,707

Date: November 20, 2001

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